

lineate fasciæ, the two outer much waved; both wings with a distinct paler marginal fringe inwardly darkly delineated.

♀. Anterior wings with three distinct, oblique, lineate, fuscous fasciæ, about equally separated; outer marginal fringe as in male.

Exp. wings, ♂ 34, ♀ 50 millim.

Hab. Transvaal, Lydenburg District (*Pret. Mus. and coll. Dist.*).

In 1897 I described a new species of *Taragama* (*T. mirabilis*) in which, having before me then only single male and female specimens, I considered the sexes to widely diverge. I have since been able to examine a male altogether agreeing with the female described, and it is thus evident there are two distinct species.

Taragama mirabilis.

Taragama mirabilis ♂, *Dist. Ann. & Mag. Nat. Hist. ser. 6, vol. xx.*
p. 208 (1897).

Transvaal, Lydenburg District (*coll. Dist.*).

Taragama cuprea, sp. n.

Taragama mirabilis ♀, *Dist. Ann. & Mag. Nat. Hist. ser. 6, vol. xx.*
p. 208 (1897).

Male resembling female; posterior wings a little paler.

Exp. wings, ♂ 42 millim.

Hab. Transvaal, Lydenburg District (*Pret. Mus.*).

LXIII.—*Descriptions of some new Species of Heterocera from Tropical America, Africa, India, and the Eastern Islands.*
By HERBERT DRUCE, F.L.S. &c.

Fam. Arctiidæ.

Metaxanthia vespiformis, sp. n.

Female.—Head, antennæ, thorax, tegulæ, the basal half of the abdomen, and the legs all black; the anal half of the abdomen chrome-yellow. Primaries smoky hyaline black, darkest at the base and on the costal margin; the veins all black: secondaries whitish hyaline, dusky at the apex and round the outer margin to the anal angle; the veins black.

Expanse $1\frac{3}{10}$ inch.

Hab. Amazons, Villa Nova (*Bates, in Mus. Oxford.*)

Evius sisenna, sp. n.

Female.—The front of the head yellow; antennæ, collar, tegulæ, and thorax brown; abdomen red above; the anus, underside, and legs pale yellow. Primaries reddish brown, with three pale yellow spots on the costal margin, the first nearest the base large, the second and third near the apex quite small; a yellow spot on the outer margin about the middle; the fringe yellow: secondaries red, broadly bordered with blackish brown, the fringe yellow.

Expanse 1 inch.

Hab. Brazil, Espiritu Santo (*Rogers, Mus. Oxford*).

Zatrephes (?) istria, sp. n.

Female.—Head, collar, tegulæ, thorax, abdomen, and legs red; palpi, the underside of the thorax, and abdomen white; antennæ brown. Primaries reddish brown, with three rows of reddish-yellow spots partly crossing the wing nearest the base; a wide dentated semihyaline yellow band crosses the wing beyond the cell from the costal margin to the anal angle; the outer margin yellowish red; the fringe brown: secondaries pink, semihyaline at the apex and partly along the costal margin.

Expanse $1\frac{7}{8}$ inch.

Hab. Cayenne (*Mus. Oxford*).

Sallæa unifascia, sp. n.

Female.—Head, collar, and tegulæ pale brown; thorax and abdomen above black, the sides, underside, and last three segments of the abdomen chrome-yellow; antennæ black; legs pale brown. Primaries white, crossed beyond the middle from the costal margin to the anal angle by a wide brown band, the inner margin broadly bordered with brown from the base to the anal angle: secondaries white, the inner margin broadly bordered with dark brown.

Hab. Demerara (*Mus. Oxford*).

Robinsonia flavomarginata, sp. n.

Female.—Head black, with four small white dots in front and two behind; tegulæ white, edged with black; thorax chrome-yellow; abdomen chrome-yellow on the upperside, with a black band on each side extending from the base to the anus, the underside white. Primaries brown, the costal margin broadly bordered with chrome-yellow; a wide white

streak extends from the base along the inner margin almost to the anal angle; an oval-shaped white spot at the end of the cell extending almost to the outer margin; a marginal row of white spots from the apex to the anal angle: secondaries white, the apex and outer margin clouded with blackish brown.

Expanse 2 inches.

Hab. Colombia, Bogota (*Mus. Oxford*).

Phægoptera levis, sp. n.

Female.—Head, palpi, collar, tegulæ, thorax, and basal half of the abdomen black, the anal half of the abdomen chrome-yellow, with a black spot on the middle of each segment; antennæ and legs pale brown. Primaries pale brown, dark brown at the base; three small tufts of bright chrome-yellow scales close to the base; a wide dark brown band crosses the wing almost to the inner margin; beyond the cell a second band joining the first below the cell, forming roughly a large V-shaped mark: secondaries dark brown; the fringe of both wings brown.

Expanse $2\frac{1}{4}$ inches.

Hab. South Brazil (*Rogers, Mus. Oxford*).

Fam. **Lithosiidæ.**

Noduzana xanthomela, sp. n.

Male.—Head yellow, antennæ black; thorax and tegulæ yellow; abdomen black, the anal tuft yellow; legs black. Primaries bluish black, the basal half of the wing chrome-yellow: secondaries black, the costal margin edged with yellow from the base almost to the apex.

Expanse $\frac{3}{4}$ inch.

Hab. Amazons (*Mus. Oxford*).

Tulara leucocera, sp. n.

Male.—Head, antennæ, and thorax pale fawn-colour; abdomen pink; legs whitish fawn-colour. Primaries pale fawn-colour, slightly darker near the apex: secondaries pink.

Expanse $\frac{7}{10}$ inch.

Hab. Brazil, Espiritu Santo (*Rogers, Mus. Oxford*).

Cyptonychia flaviceps, sp. n.

Male.—Head, thorax, and tegulæ pale yellowish white; antennæ black; the base of the thorax and abdomen black,

the anal segment yellowish: the underside of the head, thorax, and legs black. Primaries and secondaries glossy pale yellowish white.

Expanse $1\frac{1}{4}$ inch.

Hab. Mexico (*Mus. Oxford*).

Fam. Liparidæ.

Eloria grandis, sp. n.

Female.—Head yellow, antennæ black, thorax and abdomen brownish white, legs white. Primaries and secondaries semi-hyaline sordid white; primaries with the costal margin edged with brown, the apex broadly blackish brown.

Expanse 3 inches.

Hab. Amazons (*Mus. Druce*).

This is the largest species in the genus.

Eloria mæonia, sp. n.

Female.—Head, palpi, thorax, and tegulæ yellow; antennæ black; abdomen greyish white, yellowish on the underside; the legs black. Primaries and secondaries pale greyish white, the veins all pale brown; the base of the primaries pale yellow, the apex and part of the costal margin dusky.

Expanse $2\frac{1}{4}$ inches.

Hab. Guiana (*Mus. Druce*).

Xenosoma (?) *lasea*, sp. n.

Female.—Head, antennæ, thorax, and abdomen black, the collar and each segment of the abdomen edged with pale yellow; a yellow line on each side of the abdomen; legs black. Primaries white from the base to about the middle, then semi-hyaline black, the veins all black: secondaries white, slightly dusky hyaline at the apex.

Expanse 2 inches.

Hab. W. Africa, Sierra Leone (*Mus. Druce*).

Aza eutelida, sp. n.

Male.—Head, antennæ, and thorax pale brown; abdomen white; legs yellow. Primaries white, the costal and outer margin edged with yellowish brown: secondaries white.

Expanse $1\frac{1}{4}$ inch.

Hab. Ecuador, Sarayacu (*Buckley, Mus. Druce*).

Cypra (?) *Forbesi*, sp. n.

Male.—Head, thorax, tegulæ, abdomen, and legs pale yellow; antennæ black. Primaries semihyaline white, yellowish at the base and partly along the costal margin, which is edged with black: secondaries semihyaline white.

Expanse 2 inches.

Hab. New Guinea (*Forbes*); Fergusson Island (*Meek, Mus. Druce*).

Antiphella vecontia, sp. n.

Male.—Head, antennæ, thorax, tegulæ, abdomen, and legs pale yellow. Primaries and secondaries semihyaline yellowish white: primaries, the costal margin edged with yellow, the veins pale yellow; the fringes of both wings glossy yellowish white.

Expanse $1\frac{3}{4}$ inch.

Hab. South Africa, Orange River (*Mus. Druce*).

Antiphella telesilla, sp. n.

Male.—Head, thorax, and abdomen brownish white; antennæ and legs pale brown. Primaries and secondaries semihyaline white: primaries slightly shaded with yellow at the base, along the costal and outer margin; two small black dots at the end of the cell; the fringe yellowish white.

Expanse 2 inches.

Hab. East Africa, Zanzibar (*Mus. Druce*).

Euproctis (?) *mirma*, sp. n.

Male.—Head, thorax, and tegulæ dark brown; abdomen paler brown; antennæ reddish brown; legs brown. Primaries pale brownish fawn-colour; a small spot at the base, one at the end of the cell, and two curved lines crossing the wing from the costal to the inner margin, all black: secondaries uniformly pale yellowish white.

Expanse $1\frac{1}{2}$ inch.

Hab. Timor (*Forbes, Mus. Druce*).

Euproctis titania, sp. n.

Male.—Head, antennæ, thorax, tegulæ, abdomen, and legs pale yellow. Primaries and secondaries pale yellow, the primaries crossed from the costal to the inner margin by three

waved chrome-yellow bands.—*Female* similar to the male, but darker in colour and without the bands on the primaries.

Expanse, ♂ 1, ♀ $1\frac{4}{10}$ inch.

Hab. Trobriand Island, Kiriwini (*Meek, Mus. Druce*).

Artaxa faventia, sp. n.

Male.—Head, antennæ, thorax, tegulæ, and legs dark brown; abdomen black, the anal tuft white. Primaries uniformly dark brown: secondaries bright chrome-yellow, the base broadly black: the underside very similar to the upperside.

Expanse $1\frac{3}{4}$ inch.

Hab. Fergusson Island (*Meek, Mus. Druce*).

Pantana eurygania, sp. n.

Male.—Head, antennæ, thorax, tegulæ, abdomen, and legs black. Primaries black; a white spot at the end of the cell and a large white spot below the cell extending to the inner margin: secondaries white, the base blackish, the outer margin broadly bordered with black from the apex almost to the anal angle.

Expanse $1\frac{1}{4}$ inch.

Hab. Western China (*Mus. Druce*).

Rhanidophora agrippa, sp. n.

Male.—Head, thorax, tegulæ, and abdomen yellow; palpi and antennæ black; legs black. Primaries fawn-colour, with three large round yellow spots edged with black, the first in the middle of the cell, the second and third at the end of the cell one above the other; the base and inner margin of the wing streaked with yellow: secondaries chrome-yellow, broadly bordered from the apex almost to the anal angle with greyish fawn-colour; the fringe chrome-yellow.

Expanse $1\frac{3}{4}$ inch.

Hab. East Africa (*Mus. Druce*).

This species is closely allied to *R. phedonia*, Cram.

Dasychira viridis, sp. n.

Male.—Head, thorax, and tegulæ brownish green; antennæ and palpi dark brown; abdomen and legs brown; the anus pale brown. Primaries brown, thickly crossed from the costal to the inner margin with pale green fine waved lines; the

costal margin partly edged with white: secondaries uniformly pale brown; the undersides of both wings pale brown.

Expanse $1\frac{3}{4}$ inch.

Hab. Perak, 2000–3500 feet (*Doherty, Mus. Druce*).

Fam. Lasiocampidæ.

Odonestis Lidderdalii, sp. n.

Male.—Head, palpi, antennæ, thorax, tegulæ, abdomen, and legs dark brown. Primaries dark brown, irrorated with greyish scales and crossed from the costal to the inner margin by very faint waved brown lines: secondaries very dark brown, the fringe reddish brown on the outer margin.

Expanse 2 inches.

Hab. Darjeeling (*Lidderdale, Mus. Druce*).

Odonestis Pryeri, sp. n.

Male.—Head, collar, thorax, and tegulæ dark red-brown; antennæ black; abdomen pale brown; legs reddish brown. Primaries dark red-brown, crossed from the apex to the inner margin close to the base by a dark red-brown line: secondaries the same colour as the primaries, but rather paler.

Expanse $1\frac{3}{4}$ inch.

Hab. China, Hong Kong (*Pryer, Mus. Druce*).

Megalopyge mallas, sp. n.

Male.—Head, thorax, tegulæ, abdomen, and legs black-brown; antennæ brownish white. Primaries pale brown, the costal margin from the base to the apex broadly white; a white line crosses the wing beyond the middle from the costal to the inner margin: secondaries pale brown.

Expanse $1\frac{1}{2}$ inch.

Hab. South-east Brazil, Rio Janeiro (*Mus. Druce*).

Hydriasis cloe, sp. n.

Male.—Head, antennæ, collar, tegulæ, thorax, abdomen, and legs pale fawn-colour. Primaries pale fawn-colour, crossed beyond the middle by a very fine white curved line extending from the costal to the inner margin; a marginal row of small white spots from the apex to the anal angle, the last two brown: secondaries pale fawn-colour, with a marginal row of six semihyaline white spots, the first two small, the third large, and the last three about equal size.

Expanse $1\frac{1}{10}$ inch.

Hab. Brazil, São Paulo (*Mus. Druce*).

Hydrias vocontia, sp. n.

Male.—Head, antennæ, thorax, collar, tegulæ, abdomen, and legs pale fawn-colour. Primaries pale fawn-colour, crossed from the costal to the inner margin by five waved paler fawn-coloured lines; the veins and a small spot at the end of the cell white; two black spots on the apex and a darker brown line close to the anal angle; the marginal line white, edged with black; the fringe fawn-colour: secondaries fawn-colour, the marginal line and the end of the veins white, the fringe fawn-colour.

Expanse $1\frac{1}{2}$ inch.

Hab. Bolivia (*Garlepp, Mus. Druce*).

Hydrias gibeæ, sp. n.

Male.—Head, antennæ, and collar dark grey, almost black; thorax, abdomen, and legs greyish white. Primaries grey, irrorated with black scales, the costal, apex, and outer margin edged with pink; a black spot at the end of the cell, from which a pink line extends to the outer margin: secondaries, the costal half of the wing grey, with pink margin, the inner half pale brown.

Expanse $2\frac{7}{10}$ inches.

Hab. Venezuela (*Mus. Druce*).

Hydrias rages, sp. n.

Female.—Head, antennæ, and front of the thorax pale fawn-colour; thorax grey; abdomen and legs fawn-colour. Primaries fawn-colour, irrorated with white scales and crossed from the costal to the inner margin by three very indistinct grey bands: secondaries pale brown, greyish at the apex and round the outer margin.

Expanse $1\frac{3}{4}$ inch.

Hab. Amazons (*Leech, Mus. Druce*).

Hydrias pira, sp. n.

Female.—Head, antennæ, thorax, tegulæ, abdomen, and legs reddish fawn-colour. Primaries dark reddish fawn-colour, crossed from the costal to the inner margin by three brownish-white zigzag lines (the first close to the base, the second beyond the cell very indistinct, the third submarginal), with some spots close to the apex; a brown streak extends from the base to the end of the cell; the fringe alternately fawn-colour and grey: secondaries reddish fawn-colour, with

three brownish lines partly crossing the wing close to the apex.

Expanse 2 inches.

Hab. Ecuador, Sarayacu (*Buckley, Mus. Druce*).

Hydrias ozora, sp. n.

Male.—Head, antennæ, thorax, tegulæ, abdomen, and legs pale brown. Primaries pale brown, darkest at the base and partly along the costal margin; a marginal row of dark brown spots edged with white extends from the apex to the anal angle: secondaries pinkish fawn-colour, shaded with brown along the costal margin.

Expanse $1\frac{3}{4}$ inch.

Hab. Ecuador, Sarayacu (*Buckley, Mus. Druce*).

Plegapteryx titia, sp. n.

Male.—Head, antennæ, thorax, tegulæ, abdomen, and legs dark reddish brown. Primaries and secondaries dark reddish brown, palest on the outer margins of both wings; a round black spot at the end of the cell and a greenish-brown spot in the cell; both wings with a narrow black line extending from the apex to the anal angle: underside bright reddish yellow, with the spots and lines more distinct than on the upperside.

Expanse $1\frac{3}{4}$ inch.

Hab. West Africa, Calabar (*Mus. Druce*).

Taragama choba, sp. n.

Male.—Head, antennæ, thorax, tegulæ, abdomen, and legs very dark blackish brown, almost black. Primaries dark reddish brown; two white spots on the costal margin and a white streak at the end of the cell: secondaries dark blackish brown.

Expanse $1\frac{3}{16}$ inch.

Hab. W. Africa, Lagos (*Sir Alfred Moloney, Mus. Druce*).

Taragama micha, sp. n.

Female.—Head, thorax, tegulæ, and legs reddish fawn-colour; antennæ black. Primaries pale greyish fawn-colour, slightly reddish at the base, the apex irrorated with black scales: secondaries reddish fawn-colour, the outer margin edged with black and grey spots.

Expanse $1\frac{3}{4}$ inch.

Hab. S. Africa, Caffraria (*Mus. Druce*).

Fam. Limacodidæ.

Paryphanta lacides, sp. n.

Male.—Head, antennæ, thorax, tegulæ, abdomen, and legs pale cream-colour. Primaries pale cream-colour, crossed from the costal to the inner margin by a number of fine reddish-brown lines, those at the end of the cell being the most distinct: secondaries the same colour as the primaries, but rather darker and without any markings.—*Female* almost identical with the male, but slightly darker and larger in size.

Expanse 1 inch.

Hab. E. Africa, Dar-es-Salem (*Mus. Druce*).

Narosa flaccidia, sp. n.

Male.—Head, antennæ, thorax, tegulæ, abdomen, and legs dark brown. Primaries pale brown, from the base to the middle very dark brown, edged with a whitish-brown line beyond; a zigzag pale greyish line extends from the costal to the inner margin; a marginal row of minute brown spots from the apex to the anal angle: secondaries pale grey-brown.

Expanse 1 inch.

Hab. E. Africa, Dar-es-Salem (*Mus. Druce*).

Miresa binea, sp. n.

Male.—Head, antennæ, thorax, tegulæ, abdomen, and legs pale fawn-colour. Primaries and secondaries pale fawn-colour; primaries crossed from the apex to the inner margin close to the base with a fine brown line; a curved brown line extends from the apex to the anal angle; a dark brown spot at the end of the cell: secondaries, the outer margin spotted with black.

Expanse $1\frac{1}{4}$ inch.

Hab. New Guinea, Port Moresby (*Goldie, Mus. Druce*).

Miresa aquila, sp. n.

Male.—Head, antennæ, thorax, and tegulæ brown; abdomen and legs fawn-colour. Primaries brownish fawn-colour; a pale fawn-coloured band crosses the wing from the costal margin to the anal angle, the outer side edged with black, the apex darker brown, the fringe alternately dark brown and fawn-colour: secondaries pale reddish fawn-colour.

Expanse 1 inch.

Hab. New Guinea, Port Moresby (*Goldie, Mus. Druce*).